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Case K 223

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Matthias Franzreb

Title: DEVICE FOR MAGNETICALLY CONTROLLED ELECTRODE IONIZATION

Hon. Commissioner for Patents P.O. 1450 Alexandria, VA 22313-1450

February 3, 2004

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## INFORMATION DISCLOSURE STATEMENT - SECTION 1.97(b)

Under the provisions of 37 C.F.R. Section 1.56, and in accordance with 37 C.F.R. Sections 1.97 and 1.98, applicants' representative hereby submits US Patent & Trademark Office Form PTO-1449. Copies of the references cited therein are submitted for consideration in the examination of the above-referenced patent application. It is respectfully requested that they be made of record, along with whatever references the Examiner may find in the course of a search, should the Examiner consider them material to the subject application.

The publications have been cited in the International Search Report. However, they were all marked "A" as relating only to background information.

They do not disclose that in a device for electro-deionization (EDI) in the demineralization of aqueous solutions, which device includes ion exchange membranes arranged alternately and in spaced relationship so that between the membranes compartments are formed of which at least some are filled with cation and anion resin exchange particle fractions forming a mixed bed ion exchanger, the ion exchange resin particles of one of the two fractions include a magnetic material and a magnetic field

generator is provided for generating a field for orienting the magnetic resin particles and arranging them in parallel chains extending between the membranes.

This Statement is hereby submitted under Section 1.97(b) since it is being submitted concurrently with the filing of the above-referenced application.

Respectfully submitted,

W. Bach

Klaus J. Bach, Reg. No.: 26832

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary			ATTY. DOCKET NO. <b>K 223</b>	ATTY. DOCKET NO.  K 223		SERIAL NO.		
			3	FIRST NAMED INVENTOR:  Matthias Franzreb				
			FILING DATE	FILING DATE		GROUP		
		U.S. P	ATENT DOCUMENTS					
EX.						FILING	DATE	
IN.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS IF APPROPR			
	6 284 124 B1	09/04/01	DiMascio et al.					
	5 858 191	01/12/99	DiMascio et al.					
	4 314 905	02/09/82	Etzel et al.					
	5 593 563	01/14/97	Denoncourt et al.					
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		FOREIGN	PATENT DOCUMENTS			1		
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
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	OTHER DO	CUMENTS (Inclu	ding Author, Title, Date, Pe	ertinent Page	s, Etc.)	<u> </u>		
						SS"		
	G.C. Ganzi et al. "WATER PURIFICATION AND RECYCLING USING THE CDI PROCESS", Environmental Progress, Vol. 11, No. 1, 1992, pages 49-53.							
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.